## Horizontal (Lower Chord-all panel points) (Upper Chord- each end of each unit only) - Chord See Note(5) Interior Diagonal (One shown - Typ. all panel points) PLAN Li P See Note ③ 7/2"-See Note 4 typical <u>Vertical</u> (Each end of units only) Interior Diagonal ELEVATION TYPICAL INTERIOR UNIT

Even number of panels/interior unit required.

Lower Chord

See Note 1

See Note 1

See Note 1

Lower Chord

Lower Chord

Lower Chord

Lower Chord

Lower Chord

SUPPORT END DETAIL FOR EXTERIOR UNIT

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

Horizontal --—Interior Diagonal 1½", max. See Note (6) Horizontal Horizontal Diagonal Detail A ---Chord-Toe edge of diagonal member See Note 6 shall be cut back to facilitate throat thickness per AWS D1.1, Fig 3.2 Interior Diagonal TYPICAL JOINT DETAILS DETAIL A

Horizontal Diagonal
(Lower Chord-all panel points)
(Upper Chord- each end of each unit only)

Interior Diagonal
(One shown - Typ. all panel points)

PLAN

PSee Note 3
typical

ELEVATION

TYPICAL EXTERIOR UNIT

Even or odd number of panels/exterior units allowed.

Vertical Diagonal See Note 4

DESIGNED KLH

CHECKED JJD

DRAWN KLH

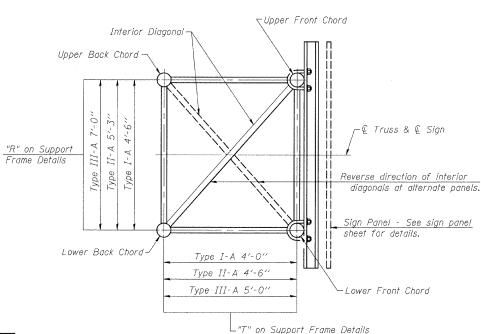
CHECKED JJD

OS-A-2 12-1-08

(Each end of

units only)

NUMBER REVISION DATE



SECTION A-A

HORNER &
SHIFRIN, INC.
ENGINEERS

- Contractor may alternatively use standard aluminum drive-fit cap to close end.  $^{l}_{2}$   $^{\prime\prime}$   $\phi$  drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- $\bigcirc$  5 $^{\prime}2^{\prime\prime}$  end dimension may vary by  $\pm 1^{\prime\prime}$  to provide uniform panel spacing (P).
- 3 Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A.
- (4) Vertical Diagonals in front and back face shall alternate.
- 5) Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a  $^34^{\prime\prime}$  minimum to  $1^!2^{\prime\prime}$  maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

OVERHEAD SIGN STRUCTURES
ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A

F.A.I. ROUTE 270 (I-270), SEC. 60-2RS-3
MADISON COUNTY

SHEET NO. 2 14 SHEETS

F.A.I. RTE. SECTION COUNTY SHEETS NO. 270 60-2RS-3 MADISON 231 123

CONTRACT NO. 76D87